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Patent  
P-1941-US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): OVADIA, Bat-Sheva, et. al.

SERIAL NO.: 09/406,788

EXAMINER: Not yet known

FILED: September 28, 1999

GROUP ART UNIT: 2734

2634

FOR: APPARATUS AND METHOD FOR DECODING AND TRACE  
BACK OF CONVOLUTION CODES USING THE VITERBI  
DECODING ALGORITHM

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JUN 19 2002

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Technology Center 2600

Assistant Commissioner for Patents  
Washington, DC 20231

Sir:

DSP GROUP LTD., the assignee of record of the entire right, title and interest in and to the above-identified Application, hereby revokes any and all prior Powers of Attorney;

and hereby appoints the following attorneys and/or agents with full Power of Substitution and Revocation to prosecute this Application, to make alterations and amendments therein, to receive the patent and to transact any and all business in or with the United States Patent and Trademark Office in connection therewith, provided that if any one of said attorneys or agents ceases being affiliated with the law firm of Eitan, Pearl, Latzer & Cohen-Zedek as partner, employee or of counsel, such attorney's or agent's appointment as attorney or agent and all powers derived therefrom shall terminate on the date such attorney or agent ceases being so affiliated.

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Attached to this paper is a STATEMENT UNDER 37 CFR 3.73(b).

Respectfully submitted,

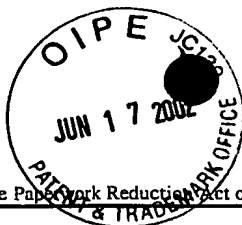
Date: 11 June 2002

By 

Name: Gideon Wertheimer

**Executive V.P.**

Title: \_\_\_\_\_



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### STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: **OVADIA, Bat-Sheva et al.**

Application No./Patent No.: **09/406,788**

Filed/Issue Date: **September 28, 1999**

Entitled: **APPARATUS AND METHOD FOR DECODING AND TRACE BACK OF CONVOLUTION CODES  
USING THE VITERBI DECODING ALGORITHM**

**DSP GROUP LTD.**

, a **Company**

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

States that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel **011538**, Frame **0794**, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at  
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

**11 June 2002**  
Date

Signature

**Gideon Wertheizer**

Executive VP

Title

# ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto **DSP GROUP LTD.**

name and  
address of  
assignee

**5 Shenkar Street  
Herzlia 48120  
Israel**

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of  
invention

## APPARATUS AND METHOD FOR DECODING AND TRACE BACK OF CONVOLUTION CODES USING THE VITERBI DECODING ALGORITHM

as set forth in this United States Patent Application

check one

☐

executed concurrently herewith

☐

executed on

☒

Serial No. **09/406,788**

filed **September 28, 1999**

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made;

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of Eitan, Pearl, Latzer & Cohen-Zedek the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

Executed this Oct 25 day of 1999

**Bat-Sheva OVADIA**  
Name

B. Ovadia  
Signature

Witness: GIL VINITZKY

Witness: Ami GRANEK

Executed this Dec 16 day of 1999

**Boaz ISRAELI**  
Name

Boaz Israeli  
Signature

Witness: Rami Weiss

Witness: Moshe Sherman